



RECEIVED

OCT 16 2003

TC 1700

Sub-Spec

03500.014155

OK to  
enter  
WM

5/14/04

- 1 -

TITLE

**SLIT COATING METHOD AND METHOD OF MANUFACTURING COLOR FILTER  
SUBSTRATE USING SAME**

BACKGROUND OF THE INVENTION

Field of the Invention

**[0001]** The present invention relates to a method of and a device for coating a coating liquid over the surface of a member to be coated by moving a coating head and the member to be coated relative to one another. The coating method and coating device are used preferably for manufacturing a color filter used especially for a color TV, a personal computer, etc.

Related Background Art

**[0002]** There have hitherto existed a dye method, a pigment dispersion method, an electrocoating method, a printing method, etc. as methods of manufacturing color filters. According to those methods, it is required that the same process be repeated for coloring in three colors R, G and B, and yield therefore decreases due to the large number of processes, resulting in a rise in cost.

**[0003]** Further, the electrocoating method has a limit in terms of configurations of patterns which can be formed and thus is difficult to apply to a TFT. The printing method has low resolution and is hard to correspond to hyperfine patterns.